

FAG 62200-2RSR deep groove ball bearings

Question FAG 62200-2RSR deep groove ball bearings ? Find what you need faster by entering 120x85x18 Size (mm) your information . 120 Bore Diameter (mm)

Size (mm)	120x85x18
Bore Diameter (mm)	120
Outer Diameter (mm)	85
Width (mm)	18
d	85 mm
D	120 mm
B	18 mm
d1	98.2 mm
d2	96.7 mm
D2	110.2 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	36.3 mm
da – min.	91 mm
da – max.	97.5 mm
db – min.	91 mm
db – max.	96 mm
Da – max.	114 mm
Db – max.	116.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
Basic dynamic load rating – C	15.3 kN

Basic static load rating – C0	15.3 kN
Fatigue load limit – Pu	0.64 kN
Limiting speed for grease lubrication	13000 r/min
Ball – Dw	6.747 mm
Ball – z	37
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	93 N
Preload class B – GB	185 N
Preload class C – GC	560 N
Calculation factor – f	1.11
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.07
Calculation factor – fHC	1
Preload class A	136 N/micron
Preload class B	174 N/micron
Preload class C	264 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	91 mm
da max.	97.5 mm
db min.	91 mm
db max.	96 mm
Da max.	114 mm

Db max.	116.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	20.3 kN
Basic static load rating C0	24.5 kN
Fatigue load limit Pu	0.64 kN
Attainable speed for grease lubrication	13000 r/min
Ball diameter Dw	6.747 mm
Number of balls z	37
Preload class A GA	93 N
Static axial stiffness, preload class A	136 N/ μ m
Preload class B GB	185 N
Static axial stiffness, preload class B	174 N/ μ m
Preload class C GC	560 N
Static axial stiffness, preload class C	264 N/ μ m
Calculation factor f	1.11
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.07
Calculation factor fHC	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41

Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.59 kg